

What is claimed is:

1. A light emitting diode mounting structure comprising:

a metal plate provided with a plurality of openings, at least one fixed plastic base depending on requirements, a pillar wire holder at a

5 lower portion thereof, and a column having a recess at an appropriate position at an upper portion thereof; wherein, the recess is placed

with a chip or a controller integrated circuit, another pillar wire holder is provided parallel to the aforesaid wire holder and has one end

thereof penetrated through the fixed plastic base, and the penetrated

10 end thereof is connected to the chip via a metal wire; and

an outer housing filled with epoxy covered onto a top portion of the plate for completing a light emitting diode structure.

2. The light emitting diode mounting structure according to claim 1,

wherein the plate is an appropriate shape as a circle, a square or a

15 polygon.

3. The light emitting diode mounting structure according to claim 1,

wherein the outer housing is an appropriate shape as a circle, a square or a polygon.

4. The light emitting diode mounting structure according to claim 1,

20 wherein the outer housing is provided with a trough at an opening end

thereof for accommodating the plate.

5. The light emitting diode mounting structure according to claim 1, wherein the outer housing is an encapsulation formed by filling epoxy into a mold and placing the metal plate into the mold.

5 6. The light emitting diode mounting structure according to claim 1, wherein the plate is provided with at least one column further disposed with a recess at a top portion thereof for accommodating the chip.

7. The light emitting diode mounting structure according to claim 1,
10 wherein the plate is provided with a column further disposed with a pared surface at one side thereof for accommodating the chip.